

Introduction

Disaster Basic First Aid

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Basic Disaster First Aid

Introduction – Goals

- Operate safely and comfortably during the class
- Be introduced to class goals, philosophy, content
- List major risks to the CNMI from disasters
- Describe most significant injuries and causes of fatalities from disasters



Housekeeping

- Safety
- Bathrooms/Water
- Breaks
- Other



Basic Disaster First Aid

Goals

- Teach knowledge and skills to community laypersons to be able to competently respond to disaster-caused medical emergencies, prior to arrival of professional help
- Instill confidence and willingness to help in the event of disaster-caused medical emergencies, prior to arrival of professional help

Philosophy

- Serious topic but taught in fun manner
- Emphasis on hands on skills and application
- Emphasis on local (CNMI) hazards and response



Basic Disaster First Aid – Content

(See syllabus handout)

- Introduction
- Leadership and Assessment
- Spine & Patient Movement
- Head Injuries
- Wounds and Burns
- Musculoskeletal Injuries
- Shock and Cardiac Issues
- Respiratory Issues
- Drowning
- Heat & Cold Injuries/Illnesses
- Mental Health & Special Populations
- Scenarios
- Summary



Disaster Definition

At least one of the following criteria:

- 10 or more people reported killed;
- 100 or more people reported affected;
- Declaration of a state of emergency;
- Call for international assistance



Types of Disaster

- Natural Disasters

- Earthquakes, Volcanic Activity, Tsunamis, Floods, Landslides, Extreme Temperatures, Cyclones/Typhoons/Hurricanes, Tornadoes, Epidemics

- Human Caused Disasters

- Industrial Accidents, Building Collapse, Dam Failures, Nuclear Accidents

- Conflict Disasters

- War, Terrorism, Civil Unrest, Civil Wars, Genocide



Earthquakes - CNMI

Recent Major Mariana Earthquakes

- August 8, 1993 - 8.1 magnitude
- April 26, 2002 - 7.1 magnitude
- May 9, 2008 - 6.8 magnitude
- No significant damage or injuries in CNMI
- Significant property damage and almost 50 injured on Guam



Tsunamis – CNMI

- While the CNMI receives frequent tsunami waves from events in the region, historically, they have not been destructive
- The largest and most recent wave event was a 3.5 feet wave from the 2011 Japan tsunami
- However, modeling has indicated that the CNMI is at greater risk from other earthquake-prone parts of the Pacific
- According to seismologists, an 8.5-9.0 magnitude earthquake is expected southeast of Japan, generating a large tsunami oriented directly toward the Mariana Islands



CNMI Disaster Hazards

- Typhoons
- Earthquakes
- Tsunamis
- Floods
- **Volcanoes** (Agrigan, Alamagan, Anatahan, & Pagan all rated "high" threats)
- **Human Caused** (industrial accidents, building/dam collapse, terrorism)
- **Other** (Wild fires, heat, infectious diseases, etc.)



Resources

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